

ABSTRACT

For use in a permutation lock, a combination of a bottom number and nose element and knob and dial element are provided. The knob portion of the knob and dial element defines an axially extending female recess having a plurality of formations (for example, eight flats arrayed in an octagon, or forty teeth) such as flats which are symmetrically disposed around the circumferential surface on the recess. In like manner, the nose portion of the bottom tumbler and nose element is provided with an axially extending male nose having a like number of similarly shaped surface elements adapted to fit within and snugly engage the knob and dial recess in any one of a finite plurality of angularly spaced apart positions.

CHI1 #144918 v3